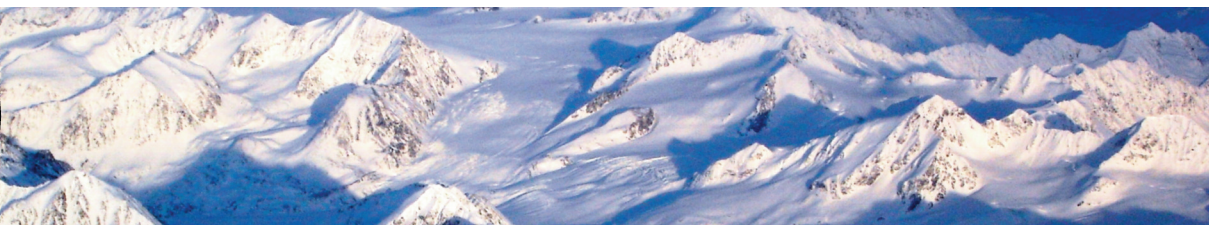
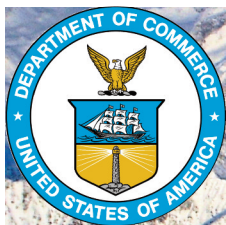


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Secretary Locke Signs Commerce Environmental Policy

In December 2010, Secretary Locke issued an environmental policy renewing the Department of Commerce's commitment to environmental stewardship and launching a department-wide environmental management system.

The new environmental policy (available at <http://www.osec.doc.gov/oas/environmental/EMS%20Policy%20Letter.pdf>) commits the department to considering environmental impacts in all planning, purchasing, operating and budget decisions; purchasing greener products; reducing energy, water and fuel use; promoting reuse, recycling, and diversion of waste from landfills whenever possible; providing a safe and healthy work environment for its employees; complying with

environmental laws and applicable executive orders; and implementing a department-wide environmental management system (EMS) encompassing all operating units, staff, and contractors.

On the heels of the new



policy, the department's Senior Sustainability Officer and Deputy Assistant Secretary for Administration Fred Stephens declared the department's EMS fully implemented on December 13, 2010. The EMS provides a set of roles,


responsibilities, processes, and procedures for managing progress toward the department's 10-year Strategic Sustainability Performance Plan goals and reducing the department's environmental impact.

In addition, the department has published an environmental stewardship briefing available to Commerce employees on the Commerce Learning Center (<https://doc.learn.com>) and to the public at http://demos.2it.us/es/env_001.html. The briefing provides an introduction to the concepts of conservation, environmental stewardship, pollution prevention and sustainability as well as an introduction to the requirements of Executive Order 13423: *Strengthening*

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Federal Environmental, Energy, and Transportation Performance, and Executive Order 13514 *Federal Leadership in Environmental, Energy, and Economic Performance*.

For more information about the new environmental policy or the department's EMS, contact Greg Falzetta at 202-482-1080. 

NIST Researcher Barbara Lippiatt Wins Presidential Award for Green Innovation



GreenGov award winner Barbara Lippiatt (left), pictured with Nancy Sutley, chair, White House Council on Environmental Quality, and Christopher Lu, Assistant to the President and Cabinet Secretary, Office of Cabinet Affairs. Photo by Eric Vance, U.S. Environmental Protection Agency

Barbara Lippiatt, a researcher at the National Institute of Standards and Technology, is one of eight winners of the 2010 GreenGov Presidential Awards. Lippiatt was presented with the "Green Innovation Award" on October 7, 2010, by the White House Council on Environmental Quality (CEQ) for her work on a software tool that measures the environmental performance of

building materials and biologically based products.

The GreenGov Presidential Awards celebrate extraordinary achievement in the pursuit of President Obama's Executive Order on Federal Leadership in Environmental, Energy and Economic Performance (Executive Order 13514). The eight winners were selected from more than 300 nominations. CEQ

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Office of Sustainable Energy and Environmental Programs Update


Commerce's Office of Sustainable Energy and Environmental Programs (OSEEP) has been working on a variety of initiatives in fiscal year 2011. In addition to renewing the department's environmental policy and establishing a department-wide environmental management system (details on page 1), OSEEP submitted the department's biannual sustainability scorecard update to the White House Office of Management and Budget in January 2011. This effort involved collecting and analyzing detailed information from across the bureaus on energy

consumption, water consumption, sustainable buildings, fuel use, green purchasing and electronic stewardship. OSEEP also used this information to complete the department's first greenhouse gas emissions inventory for fiscal years 2008 and 2010. The White House is expected to release scorecard results and greenhouse gas inventories for Commerce and other federal agencies this spring. OSEEP has also been working with the Government Accountability Office to inventory the department's renewable energy initiatives and recently completed an assessment of the



The OSEEP team in November 2010. Back row from left to right: Eli Veenendaal, Morris Thompson, Greg Falzetta, Roger Lueken, Rosaline Hill, Bob Scinta, Jennifer Brundage, and Katie Hite. Front row: Carter Boggess, Frank Monteferrante, Rob Tomiak, Genevieve Walker, Rachel Roberts, and Jill Dowling.

department's renewable energy use and on-site generation from 2008 through 2010. For more information about the renewable energy assessment, contact Morris Thompson at 202-482-0540

or mthompson2@doc.gov; for more information on the scorecard or greenhouse gas inventory, contact Bob Scinta at 202-482-3114 or rscinta@doc.gov. 

Getting to Know Historic Preservation Officer Jill Dowling



Historic Preservation Officer Jill Dowling

Jill Dowling joined the Office of Sustainable Energy and Environmental Programs in August 2010. As the department's first dedicated Historic Preservation Officer, she will develop a Cultural Resource Program implementing federal agency requirements established in the National Historic Preservation Act (NHPA).

Since earning a master's degree in heritage preservation from Georgia State University, Jill has gained a full range of experience in the historic

preservation field. She wrote the Historic Structures Report and Preservation Plan for Frank Lloyd Wright's Wisconsin home, Taliesin (a National Landmark), as Assistant Director for the Taliesin Preservation Commission. She was the founding director of Capitol Hill's Barracks Row Main Street project, which has earned national awards for its success in using historic preservation as a tool for urban revitalization.

While in the private sector as the Director of Cultural Resources for Lee and Associates, Inc., a landscape design and urban planning firm, Jill managed the design development of the Pentagon 9/11 Memorial. This required establishing design criteria for many types of materials in the park and testing their ability to meet a 100-year design life - essentially,


historic preservation in reverse. The memorial opened to the public in 2008.

Other challenges she has tackled include developing an evaluation methodology and preservation plan for Maryland's historic bridges; working with environmental scientists to quantify air pollution impacts on World Heritage Sites in Asia for the United Nations Educational, Scientific, and Cultural Organization; and serving on a National Research Council Transportation Research Board panel studying how information technology could be applied to evaluations of cultural resource significance.

Before coming to Commerce, Jill set up a cultural resource program within the U.S. Customs and Border Protection, a component of the

Department of Homeland Security, where she conducted NHPA cultural resource studies and consultations for the American Recovery and Reinvestment Act (ARRA)-funded Land Port of Entry Modernization projects in ten states. Jill now supports the National Telecommunications and Information Administration's NHPA compliance for the ARRA-funded Broadband Technology Opportunities Program across the United States and several territories.

Jill is eager to help Commerce meet its federally mandated responsibility to integrate historic preservation into agency and operating unit programs.

Jill can be reached at 202-482-4456 or jdowling@doc.gov. 

Bureau Recycling Assessments

The Office of Sustainable Energy and Environmental Programs would like to thank the Minority Business Development Agency, the Economics and Statistics Administration, the Economic Development Administration, the National Technical Information Service and the International Trade Administration for working with us to assess their recycling programs and help identify opportunities for expansion. All recycling within the National Capital Region (NCR) is done through a General Services Administration (GSA) contract. As we continue to strive for compliance with

Executive Order 13514 *Federal Leadership in Environmental, Energy and Economic Performance*, we all need to be aggressive and seek innovative and creative ways to meet and exceed the challenging goal of diverting 50 percent of our waste stream from landfill by 2015. We are in the process of contacting each of the other bureaus to offer similar assistance. We are also concurrently working with GSA to ensure that we receive the proper credit for our recycling efforts throughout the NCR. To schedule a recycling assessment for your office, please contact Rosaline Hill at 202-482-5949 or rhill9@doc.gov. ☞

OSEEP Surveys Employee Commuting Habits

This January, the Office of Sustainable Energy and Environmental Programs completed a nationwide survey of Commerce employee commuting habits--the first of its kind.

The survey results show that:

- o Commerce employees commute over **1.2 million** miles per day to work and back in personally-owned vehicles. That is an average of **25** miles per employee.
- o Over **20** percent of Commerce employees take public transit to work (bus, train, subway).
- o Commerce employees commute **425,000** miles per day round-trip via public transit.
- o **110** Commerce employees bike or walk over ten miles one way to work each day.

The results also indicate that Commerce employee commuting results in over **125,000** metric tons of carbon dioxide (CO₂) emissions each year. This is the equivalent of 290,698 barrels of oil or 1,669 tanker trucks worth of gasoline. Mitigating this quantity of CO₂ emissions would require planting 3,205,128 tree seedlings, preserving 1,186 acres of forest from deforestation or recycling 42,088 tons of waste.

This commuter survey was completed as part of the first annual Department of Commerce Greenhouse Gas Inventory to estimate direct and indirect greenhouse gas emissions from Commerce operations. The survey was open for six weeks from mid-November 2010 to early January 2011. Commerce employees were

OSEEP Clears Over \$604 Million Grants of Special Award Conditions

The Office of Sustainable Energy and Environmental Programs (OSEEP)'s environmental team has been busy clearing Special Award Conditions on grants made under the National Telecommunications and Information Administration's (NTIA's) Broadband Technology Opportunities Program (BTOP). BTOP received \$4.7 billion of American Recovery and Reinvestment Act (ARRA) funds to expand access to broadband services to reach rural and underserved areas in the United States through activities such as laying fiber-optic cable and constructing or upgrading communications towers.

OSEEP ensures that NTIA and its BTOP grantees comply with the National Environmental Policy Act (NEPA), Section 106 of the National Historic Preservation Act (NHPA), Section 7 of the Endangered Species Act, and all other pertinent environmental laws and regulations within aggressive timelines (e.g. environmental reviews must be done within six months and construction must be completed within three

years of award). OSEEP's environmental experts support grantees in navigating the complex environmental, natural and cultural resource issues required to complete their environmental assessments and consultations with regulating agencies and Native American tribes. Many of these projects are complicated by the fact that they cross several jurisdictions and federal lands and are subject to multiple—and sometimes competing—land management requirements. As of January 15, 2011, OSEEP has received concurrence from state historic preservation offices and tribes that 45 percent, or 53 of 119 projects requiring historic preservation review under NHPA, will avoid adverse effects on historic properties, freeing up over \$909 million in grants. OSEEP has also cleared over \$648 million in grants through the NEPA review process.

For more information on OSEEP's BTOP support efforts, please contact Frank Monteferrante at 202-482-4208 or fmonteferrante@doc.gov. ☞

e-mailed a link to a one-page survey. Eighteen percent or 9,100 of approximately 50,000 total Commerce employees responded to the survey, representing a relatively high response rate for such a large group.

As Commerce works to reduce its carbon footprint, the department will be

looking closely at ways to reduce greenhouse gas emissions associated with employee commuting, such as encouraging alternative transportation and teleworking. For more information about the Department's commuter survey, contact Bob Scinta at 202-482-3114 or rscinta@doc.gov. ☞

Grab a Bike with D.C.'s Capital Bikeshare Program

Have you ever wanted to ride a bicycle at lunch, to a meeting, or to run errands? Now you can! Capital Bikeshare, Washington, D.C.'s new bicycle sharing program, has come to the Herbert C. Hoover Building neighborhood. You can now rent a work-clothes-friendly bicycle for short-term use from one of over 100 stations across the District of Columbia and Arlington, Va.

Like ZipCar and SmartBikeDC, the district's original bicycle sharing program, you'll need to join Capital Bikeshare. The system offers affordable yearly, monthly, weekly and daily plans. Once you've joined, you can use any of 1,100 bicycles available throughout the district and the Route 1 corridor of Arlington (Pentagon City, Crystal City and Potomac Yard).

The Capital Bikeshare

station closest to the HCHB is less than three blocks away, on 10th Street N.W. between Pennsylvania and Constitution Avenues N.W. Within the next few months, a 25-bike station will open on 14th Street N.W. in front of the Ronald Reagan building.

The bicycles are easy to use and guaranteed to keep you grease-free. They have flashing front and rear LED (light-emitting diode) lights, reflective sidewall tires, adjustable seat posts with marked numbers (to help you remember your seat height), and a carrier with bungee cord on the front. There is no need for specialized bicycle gear, although a helmet and lock are recommended.

Capital Bikeshare will be expanding this spring, adding 20 stations and 200 additional bicycles in the district and 16 stations in the Rosslyn-Ballston corridor in Arlington, Va.

For the latest updates, prices and other information, visit the Capital Bikeshare website:


www.capitalbikeshare.com.

The popularity of Capital Bikeshare coincides with a notable spike in cycling documented by the District Department of Transportation (DDOT). From its start in mid-September through the month of November 2010, 5000 annual members have taken 100,000 trips, averaging 20 minutes per trip. DDOT's annual counts show rush hour bicycle trips increased by 82 percent between 2007 and 2010 at 20 locations throughout the district.

The district now has more than 50 miles of bike lanes throughout the city. Cyclists can ride from V Street N.W. to the Capitol on 2.5 miles of bike lanes. DDOT continues to stripe



A Capital Bikeshare bicycle

bicycle lanes and install cycle tracks (separated, dedicated bicycle lanes), extending the 15th Street cycletrack from V Street, N.W. to Pennsylvania Avenue N.W., including a new bicycle traffic signal at the intersection of 15th Street and Pennsylvania Avenue N.W. The bicycle lanes on Pennsylvania Avenue that originally ended at 14th Street have also been extended to 15th Street. To learn more about DDOT's Bicycle and Pedestrian Programs, please visit <http://ddot.dc.gov/>. 

Did You Know...


- At the Herbert C. Hoover Building recycling pays! For every ton of high-grade paper recycled, the department earned \$310 in FY10, and for every ton of mixed paper recycled, the department received \$120. Please help maximize the department's earnings by properly sorting your recycling and waste.

Barbara Lippiatt, con't

solicited award nominees and a panel of judges reviewed the nominations and recommended the 2010 award recipients to President Obama.

Lippiatt was recognized for developing the Building for Environmental and Economic Sustainability (BEES) Program. This software tool measures environmental performance in building materials by making a life cycle assessment from manufacturing through product use, maintenance

and disposal. According to the White House, "Her vision has resulted in a practical tool for sustainability performance measurement that is unbiased, science-based, quantitative, transparent, and comprehensive."

More information on the 2010 GreenGov Awards can be found at <http://www.fedcenter.gov/opportunities/awards/greengovpresidentialawards/>. For more information on BEES, visit <http://ws680.nist.gov/bees>. 



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